

What is claimed is:

- 5 1. A coated printing paper which contains mechanical pulp and whose opacity is at least 89 %, brightness at least 65 % and surface roughness not more than 4.5 μm , wherein the coated printing paper contains mechanical pulp at least 90 weight-% of the total fibre content of the paper.
- 10 2. The coated printing paper according to claim 1, wherein the coating printing paper contains mechanical pulp at least 95 weight-% of the total fibre content of the paper.
3. The coated printing paper according to claim 1, wherein the coated printing paper is whole fibre content is mechanical pulp.
- 15 4. The coated printing paper according to claim 3, wherein the mechanical pulp is thermomechanical pulp (TMP).
- 20 5. The printing paper according to claim 4, wherein the thermomechanical pulp is such that, defined by Bauer-McNett screens, 40 to 50 % of the fibres will not pass screens with a slot size of 16 mesh and 28 mesh, 15 to 20 % of the fibres will pass screens of 16 and 28 mesh but will not pass screens with a slot size of 48 mesh and 200 mesh, and 35 to 40 % of the fibres will pass screens of 48 and 200 mesh.